

ABSTRACT

5 The present invention relates to genes encoding proteins involved in prokaryotic type or plastid division and/or morphology and the encoded proteins, and in particular to isolated *Ftn2* (*ARC6*), *ARC5*, and *Fzo-like* genes and polypeptides. The present invention also provides methods for using *Ftn2* (*ARC6*), *ARC5*, and *Fzo-like* genes, and polypeptides.